

Manhole Inspection Summary

Manhole # S49I__014MH

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Inspection ☐ Is Incomplete Rating: **2) Good**

Record Plat: **49I** Node: **014** Status: **Found**

Insp Date: **3/4/09 1:39 PM**

Incomplete Comments

Crew: **REI**
Inspector: **paulfry**
Firm: **ATS**

Location Address: **514 S ROSE-MILTON-ALLEY** Cross Street: **EASTERN-FLEET-ALLEY**

Manhole Type: **Terminal** Location: **Alley** Ground Conditions: **Wet**
☐ Prev. Rehab Weather: **Dry** Subject To Ponding: **None**

Comments **USED 16LB MAUL, VINEGAR, AND SPRAY LUBRICANT TO FORCE OPEN MANHOLE COVER; FRAME AND COVER WAS SEALED BY CONCRETE (see photos)**

Cover Shape: **Circular** Diameter: **24** (in.) Length: **0** (in.) Dist A/B Grade: **0** (in.)
Type: **Sanitary** Condition: **Sound** Cover Material: **Cast Iron**
Properties: ☐ Bolted ☐ Vented ☐ Water Tight ☐ Water Tight Insert

Frame Offset: **0** (in.) Condition: ☒ Sound ☐ Cracked ☐ Leaks

Chimney / Frame Adjustment ☒ Exists Material: **Brick** ☐ Parged Height: **3** (in.)
Condition: ☐ Sound ☒ **Cracked** ☐ Root Intrusion ☒ **Loose Brick** ☒ **Deteriorated**
Infiltration: ☐ None ☒ **Joint** ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Corbel Material: **Brick** ☐ Parged Type: **Concentric/Eccentric**
Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated
Infiltration: ☐ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☒ **Wall**

Barrel Material: **Brick** ☐ Parged
Shape: **Circular** Diameter: **42** (in.) Length: **0** (in.)
Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated
Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Bench ☐ Exists Material: ☐ Parged
Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

Channel Material: **Unknown** ☐ Parged
Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth: **0**
Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☒ **Debris**

Steps Count: **5** Missing: **0** ☐ Corroded

Surcharge ☐ Evidence Of Surcharge Depth: **0** (ft.) ☐ Active Surcharge Present

Location View



Top View



MISC.



CONCRETE SEALED COVER TO
FRAME

Defect 6



DETERIORATED CHIMNEY BRICKS

Defect 5



CRACKED CHIMNEY BRICKS

Defect 4



LOOSE CHIMNEY BRICK MATERIAL

Defect 3



INFILTRATION @ CORBEL WALL

Defect 2



INFILTRATION @ CHIMNEY/FRAME
JOINT

Defect 1



DEBRIS IN TERMINAL CHANNEL

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8 in. Circular Gravity Sewer
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



Pipe Height: **8.4** (in.) Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **7.25** (ft.) Flow Characteristics: **None**

Deposits: ☐ None ☒ **Mud** ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: **1** (in.) Deposits Extent: **Light**

Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection